TUSI HAYTHAM BIO LIMITED
Chemistry for a Greener Planet

Technical Data Sheet

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TBIO WhiteMax™ Series – TBIO WhiteMax™ 300
Soft White Paste – Textile & Printing Applications

Manufacturer: Tusi Haytham Bio Limited

Product Description:
TBIO WhiteMax™ 300 is a high-performance soft white paste designed for textile printing and coating applications. It provides excellent coverage, smooth application, and a soft hand feel on fabrics. Ideal for producing bright, uniform white prints while maintaining fabric flexibility and comfort.

Key Performance Properties:

- **Provides soft, smooth, and uniform white paste application.**
- **Enhances fabric handfeel and drapability.**
- **Good opacity and coverage for textile printing.**
- **Compatible with pigments, dyes, and common textile auxiliaries.**
- **Suitable for screen printing, coating, and padding applications.**

Typical Properties:

Property	Specification
Appearance	Soft white paste
Solid Content	60 – 70 %
pH (25 °C)	6.0 – 8.0
Viscosity (25 °C)	50,000 – 100,000 mPa·s
Solubility	Dispersible in water
Stability	Stable under normal storage and processing conditions

Application:

- **Apply TBIO WhiteMax™ 300 via screen printing, coating, or padding processes.**
- **Adjust viscosity with water or compatible thickeners as needed.**
- **Typical pickup: 10 – 30 % owf depending on fabric type and desired coverage.**
- **Compatible with other auxiliaries; optimize formulation via lab trials.**

Precautions:

- **Avoid direct contact with eyes and skin; wear protective gloves and eyewear.**
- **Store in tightly sealed containers to maintain product quality.**
- **Avoid freezing or exposure to extreme heat.**

Packing Size:
Available in 25 kg, 60 kg, and 200 kg HDPE drums.

Storage:

- **Store in a cool, dry, ventilated area below 40 °C.**
- **Shelf life: 12 months from date of manufacture in unopened containers.**
- **Check product label for “Best use before end” date.**

Issued by:
Tusi Haytham Bio Limited – Technical Division
Product: TBIO WhiteMax™ Series – TBIO WhiteMax™ 300
Category: Soft White Paste – Textile & Printing Applications